UNITED STATES PATENT AND TRADEMARK OFFICE

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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/683,667	01/31/2002	Andrew Rodney Ferlitsch	SLA1038	1478

27518   7590   06/22/2005

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EXAMINER
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ART UNIT	PAPER NUMBER
2626	

DATE MAILED: 06/22/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM
THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed
after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any
earned patent term adjustment. See 37 CFR 1.704(b).

Status

1) ☐ Responsive to communication(s) filed on _____.

2a) ☐ This action is **FINAL.**   2b) ☒ This action is non-final.

3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is
closed in accordance with the practice under *Ex parte Quayle,* 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

4) ☒ Claim(s) *1-25* is/are pending in the application.

    4a) Of the above claim(s) _____ is/are withdrawn from consideration.

5) ☐ Claim(s) _____ is/are allowed.

6) ☒ Claim(s) *1-25* is/are rejected.

7) ☐ Claim(s) _____ is/are objected to.

8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

9) ☐ The specification is objected to by the Examiner.

10) ☒ The drawing(s) filed on *31 January 2002* is/are: a)☒ accepted or b)☐ objected to by the Examiner.

    Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

    Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).

11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

    a)☐ All   b)☐ Some *   c)☐ None of:

      1.☐ Certified copies of the priority documents have been received.

      2.☐ Certified copies of the priority documents have been received in Application No. _____.

      3.☐ Copies of the certified copies of the priority documents have been received in this National Stage
application from the International Bureau (PCT Rule 17.2(a)).

    * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

1) ☒ Notice of References Cited (PTO-892)

2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)

3) ☒ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date *6/3/02*.

4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail. Date. _____ .

5) ☐ Notice of Informal Patent Application (PTO-152)

6) ☐ Other: _____.

DETAILED ACTION

Claim Rejections - 35 USC § 102

1.   The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the

basis for the rejections under this section made in this Office action:

> A person shall be entitled to a patent unless –
>
> (b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

2.   Claim 1-25 rejected under 35 U.S.C. 102(b) as being anticipated by Snipp (U.S. patent

5,699,495)

Regarding claim 1 Snipp discloses: a method of printing from a computing device, said

method comprising: sending a print task to a local print system component (please note

Fig.2 items 26 the application program which generates the print data and thereon

transmitted to the other local components like print driver 38B and spooler 36, column 3

lines 51-67 and column 4 lines 1-16) acquiring printing data related to said print task

with said local print system component (note Fig.2 item 30 and 28 the GDI and

Graphics engine respectively where application program 26 will acquires sections of

code which is in fact the graphics engine through the GDI, column 3 lines 64-67 and

column 4 lines 1-4) sending said print task to a remote print system component (please

note Fig.2 items 36 and 40 where the spooler 36 transmits print job to the spooler 40 on

the printing side, column 4 lines 17-22) and sending said print task to at least one

device (please note Fig.2 item 40 the spooler in the print server 16, column 4 lines 16-

17) in communication with said remote print system component for printing (please note

Fig.2 item 16 the print server, column 4 lines 16-18).

Regarding claim 2 Snipp discloses: The method of claim 1 wherein said local print system component is a spooler (please note Fig.2 item 36, column 4 lines 7-10)

Regarding claim 3 Snipp discloses: The method of claim 1 wherein said local print system component is a print processor (note Fig.2 item 38B the print driver which would be used as print processor).

Regarding claim 4 Snipp discloses: The method of claim 1 wherein said remote print system component is a spooler (note Fig.2 item 40 the external print spooler resident in the print server 16).

Regarding claim 5 Snipp discloses: The method of claim 1 wherein said remote print system component is a print processor (please note Fig.2 item 34 the print processor, column 22-23).

Regarding claim 6 Snipp discloses: The method of claim 1 further comprising reconfiguring said print task according to said printing data related to said print task (note column 4 lines 30-35).

Regarding claim 7 Snipp discloses: The method of claim 6 wherein said reconfiguring is performed via said local print system component (please note column 4 lines 17-28).

Regarding claim 8 Snipp discloses: The method of claim 6 wherein said reconfiguring is performed via said remote print system component (note column 3 lines 10-21).

Regarding claim 9 Snipp discloses:The method of claim 6 wherein said reconfiguring enables said print task to be printed on at least one remote device (note column 4 lines 1-14).

Regarding claim 10 Snipp discloses: The method of claim 6 wherein said reconfiguring

comprises reconfiguring said print task for cluster printing on printers remote to said local print system component (note column 3 lines 52-62).

Regarding claim 11 Snipp discloses: A method of remote printing, said method comprising: sending a print task to a local print system component (please note Fig.2 items 26 the application program which generates the print data and thereon transmitted to the other local components like print driver 38B and spooler 36, column 3 lines 51-67 and column 4 lines 1-16) determining characteristics of said print task (note Fig.2 item 30 and 28 the GDI and Graphics engine respectively where application program 26 will acquires sections of code which is in fact the graphics engine through the GDI, column 3 lines 64-67 and column 4 lines 1-4) determining whether at least one remote device is suitable for printing said print task (note column 5 lines 45-67) and reconfiguring said print task for printing on said remote device (note column 6 lines 1-20).

Regarding claim 12 Snipp discloses: The method of claim 11 further comprising prompting a user for printing task preferences (note column 6 lines 1-4)

Regarding claim 13 Snipp discloses: The method of claim 11 further comprising sending said print task to a remote print system component (note Fig.2 item 40 the external print spooler resident in the print server 16).

Regarding claim 14 Snipp discloses: The method of claim 11 wherein said determining characteristics is accomplished via said local print system component (note column 4 lines 2-6).

Regarding claim 15 Snipp discloses: The method of claim 13 wherein said determining

characteristics is accomplished via said remote print system component (note column 6

lines 21-27).

Regarding claim 16 Snipp discloses:The method of claim 11 wherein said

reconfiguring comprises job splitting among remote devices (note column 6 lines 10-14

where the different devices like 36,32,28 and 38B are involve with the reconfiguration of

print task).

Regarding claim 17 Snipp discloses: The method of claim 11 wherein said

reconfiguring comprises copy splitting among remote devices (note column 5 lines 52-

65).

Regarding claim 18 Snipp discloses: The method of claim 11 wherein said

reconfiguring comprises distribution of a print task to a cluster of remote printers (note

column 6 lines 1-7).

Regarding claim 19 Snipp discloses: The method of claim 11 wherein said

reconfiguring comprises changing the destination of a print task (note column 5 lines 1-

8).

Regarding claim 20 Snipp discloses: A method of remote printing, said method

comprising: sending a print task to a local print system component (please note Fig.2

items 26 the application program which generates the print data and thereon

transmitted to the other local components like print driver 38B and spooler 36, column 3

lines 51-67 and column 4 lines 1-16) determining characteristics of said print task (note

Fig.2 item 30 and 28 the GDI and Graphics engine respectively where application

program 26 will acquires sections of code which is in fact the graphics engine through

the GDI, column 3 lines 64-67 and column 4 lines 1-4) sending said print task

characteristics to a remote print system component (please note Fig.2 items 36 and 40

where the spooler 36 transmits print job to the spooler 40 on the printing side, column 4

lines 17-22) checking whether at least one remote device is suitable for printing said

print task based on said print task characteristics and remote device capability (please

column 5 lines 45-67) said checking being performed via said remote print system

component (note Fig.2 item 44, column 5 lines 58-65) and sending said print task to at

least one suitable remote device (note column 6 lines 1-6).

Regarding claim 21 Snipp discloses: The method of claim 20 further comprising

reconfiguring said print task for said at least one suitable remote device (please note

column 4 lines 29-35).

Regarding claim 22 Snipp discloses: disclose: A system for remote printing (note Fig.2

where the system of remote printing is shown) said system comprising: a local

computing device (note Fig.2 item 12 the workstation) a local print system component

(note Fig.2 item 32, the printer driver) a remote print system component (note Fig.2 item

34 the spooler) at least one remote printing device (note Fig.2 item 14) wherein said

system determines characteristics of a print task (note Fig.2, column 6 lines 1-4 where

the user's choices of printer options are determined) and said remote print system

component searches for remote printing devices among said at least one remote

printing device that are capable of printing said print task (note Fig.2, column 5 lines 53-

67 and column 6 lines 1-4) and said system reconfigures said print task to utilize at least

one of said capable printing devices and sends said print task to said at least one of

said capable printing devices (note column 6 lines 1-20 where the user specific

parameters are sent to the printer and in response the printer send the format it uses for

example for the forms and sends it back to the application program 26 of the user's

workstation to get adjusted and send back to the printer to be printed).

Regarding claim 23 and 25 Snipp discloses: A computer readable medium comprising

instructions for performing functions within a print system component, said instructions

comprising the acts of: receiving a print task (note Fig.2, column 4 lines 17-28)

determining print task characteristics (note column 3 lines 64-67 and column 4 lines 1-8)

sending print task characteristic data to a remote print system component (note column

4 lines 17-28 where the print task is send from the spooler 36 to the spooler 40 of

remote site) receiving printer data from said remote print system component (note

column 4 lines 37-51 where the data is passed form the spooler 40 to the printer 44)

said printer data identifying printers capable of printing said print task (note column 5

lines 43-67 wherein getprinter command in combination with API and GDI and DDI

locate the printer to be used) reconfiguring said print task if necessary (note column 6

lines 4-16 where the print job is reconfigured as the form needed on the printer is

altered in the print task and send back to the printer) to accommodate printing on said

printers capable of printing said print task (note column 6 lines 1-20 where the user's

option of printing a task is altered to have the form needed by the specific printer(s)

could be inserted and print task is send back to the printer to be printed) sending said

print task to said remote print system component and sending said print task from said

remote print system component to said printers capable of printing said print task (note

again column 6 lines 1-20 where articulates the process or altering the print task by the application program 26 of Fig.2 to send a correct form to the printer to be printed).

Regarding claim 24 Snipp discloses: A computer readable medium comprising instructions for performing functions within a first print system component, said instructions comprising the acts of: receiving print task characteristics from a second print system component (note column 6 lines 7-14 where the instructions from the printer and what kind of form to be used by the print task is send form the printer device to the application program 26 of Fig.2) checking for printers in communication with said first print system component that are capable of printing said print task (note column 5 lines 45-67 where the printers capable of printing print tasks are located) sending capable printer data to said second print system component (note column 6 lines 15-20).

Contact Information

Any inquiry concerning this communication or earlier communications from the examiner should be directed to *Saeid Ebrahimi-Dehkordy* whose telephone number is (571) 272-7462.

The examiner can normally be reached on Monday through Friday from 8:00 a.m. to 5:30 p.m. If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Kimberly Williams, can be reached at (571) 272-7471.

Any response to this action should be mailed to:

Assistant Commissioner for Patents

Washington, D.C. 20231
Or faxed to:

(703) 872-9306, or (703) 308-9052 (for *formal* communications; please mark
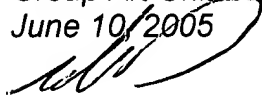
"EXPEDITED PROCEDURE")

Or:

(703) 306-5406 (for *informal* or *draft* communications, please label "PROPOSED" or "DRAFT")

Hand delivered responses should be brought to Knox building on 501 Dulany Street, Alexandria, VA.

Any inquiry of a general nature or relating to the status of this application should be directed to the Group Receptionist whose telephone number is (703) 305-4750.

Saeid Ebrahimi-Dehkordy
Patent Examiner
Group Art Unit 2626
June 10, 2005

KIMBERLY WILLIAMS
SUPERVISORY PATENT EXAMINER